

Use BLOCK CAPITALS

MSB Serial Number:

Complete all fields.

NRCS PLANTS Code: PEFR3

Circle relevant descriptions shown in *italics*.

Cleaning Facility: Bend

Date(s) Collected (DD/MM/YY): 04/09/09

Seed Collection Reference Number: OR931_43

Collector(s): Christa von Behren, Sarah Kelsey, Camille Duncan, Amanda McFadden

Country: USA Ecoregion (T,O, B): O: 4 State: OR County: Hood River

Location Details: From Hwy 35, drive through Parkdale on Baseline. Take Baseline to Clear Creek Rd, turn left. Take Rd for about 2.7 miles, turn right on Laurance Lake Rd. (there is a sign to Lake). Take road all the way to the campground, park in the farthest parking lot in front of Rd 640 (gated). Walk down Rd 640, plants start about 50 meters in and are on both sides of the road.

Lat. (dg/min/sec) (ex: 40° 34' 19.5" N): 45.45767 N GPS Used?: Yes No If no, please see other side.

Long. (dg/min/sec) (ex: 107° 36' 51.54" W): 121.66371 W GPS Datum: NAD83 NAD27 WGS84 Other:

Elevation (feet): 3028 Landowner Details (Permission?): US Forest Service - yes

HABITAT DATA

Habitat, Associated Species & Ecological Site Descriptor: Gravel roadside by lake. *Abies*, *cirsium*

Modifying Factors: Mowed Burned Grazed Flooded Seeded Trampled Other:

Land Form: Alpine lake side Slope°: 0 - 10*

Land Use: recreation Aspect: N NE E SE S SW W NW

Geology: volcanic

Soil Texture: Clay Silt Sand Other: Soil Color: Light brown

COLLECTION DATA – If plant has been identified by a specialist, please see other side.

Family: Scrophulariaceae

No. of Plants Sampled (min. 50): 113

Genus: Penstemon

No. of Plants Found (approx.): 300

Species: fruticosus

Area Sampled (acres): 1

Subspecies/Variety: fruticosus

Seeds Collected From: Plants Ground Both

Plant Habit: Tree Shrub Forb Succulent Grass/Grasslike

Plant Height (feet): 1

Native plant materials development and research this accession will be used for: Restoration projects on public lands

Notes to assist identification of pressed specimen (e.g. flower color, odor, presence of closely related species): Woody stems

Common Name(s) of Plants: Bush Penstemon

Photograph Taken: Digital 35mm

Reference
(PLANTS Code, Coll.
Number, Pic. No.):

PEFR3_OR931-43-1

Where Image will be Filed: Berry Botanic Garden

Seed Test/Packaging Record

SOS-OR931-43

PEFR3-SOS-OR931-43-09
 Penstemon fruticosus
 bush penstemon
 BLMS .36 P

PRE-PACKAGING CHECKLIST

Tag Count Complete	# of Tags	Date/Initials
	1	
OSU Sample Taken	# of pounds	
	0.078g	
Sample Sent	Y/N	
	Y	

Test Results: Both in-house and/or OSU

100 Seed X-ray	88%	REMARKS ENTERED
Moisture Content	5.8%	
Seed Count	1,718,182	
GERM	TZ OSU	Strat Time: NC ___ 4C ___ 8C ___ 13C ___
PURITY	95%	or NOXIOUS WEED only ___

MOISTURE CONTENT (use one of three methods below)

Dole Meter			**Moisture Analyzer**			**HygroPalm**			
Dial Reading	M.C.	Grams	Temp °C	Time Used	% M.C.	Time	Air Temp	ERH	M.C.
							70.4	27.3	5.8

X-Ray Results

88 % Filled

Results from
100 Seed X-Ray

PURITY (Use OSU sample chart to determine wt. of sample)

Wt. of Sample: 0.153 gms	Wt. of All Impurities: 0.007 gms
Wt of Impurities:	Wt. of Clean Seed 0.148 gms
• Crops _____ gms	TOTAL (Impurities + Clean Seeds) 0.155 gms
• Inerts _____ gms	Percent Purity = $\frac{\text{Wt. of clean seeds}}{\text{Wt. of Total}} \times 100 = 95.4\%$
• Weeds _____ gms	
• Noxious _____ gms	

SEEDS PER POUND

Weight to three decimal places, when possible
 Wt. of 5 reps of 100 seeds each (in grams).

0.026 0.025 0.025
 0.028 0.028
 TOTAL of ALL Reps: 0.132
 Average: 0.026

** NOTE: If difference between max and min is less than 10% of the average samples, data is acceptable

Difference between max & Min wt. _____ 10% of average _____

NOTE: Seeds/Pound = $\frac{453600}{1000 \text{ seed wt.}}$ (453.6 grams = 1 pound)

To calculate M seed wt, take Total of 5 samples times 2.
 2 x Total of 5 reps = 0.264 = 1000 seed wt.
 Seeds per Pound = 1,718,182

FINAL PACKAGING for Seed Storage/Transfer

Bag # 1	Bag Wt.	Bag #	Bag Wt.
Bag # 2	0.029		
Bag # 3			
Bag # 4			
Bag # 5		Last Bag	
TOTAL Wt.			0.029

legal 0.029
 WRPIS 0.007#
 0.022#

SEED TRANSFER Log Number			
Date	Wt. Shipped	Ship via	Purpose Remarks

DATE	Start	Stop	Process	Initials
5/21/10	1030	1130	226-test	LAD
			2270-pkg	

5/21/10 LAD	ID card file sample
	Inventory Card Completed

POSTED TO: Lot Completion Logbook 5/21/10 LAD Computer NMIS _____